MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY, 1942

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

STATISTICS DIVISION

MAY 1942

METEOROLOGICAL REGISTER

Date	Barometer reduced to gC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.0	54.9	55.2	55.4	34.9	19.4	25.9	32.5	28.8	29.1
2	9.6	60.6	61.6	60.6	25.1	16.8	20.8	24.0	19.3	21.4
3	62.3	2.9	2.3	2.5	25.2	17.1	20.8	24.4	18.6	21.3
4	1.2	0.2	58.7	0.0	26.6	19.6	20.6	24.7	20.2	21.8
5	59.3	57.3	6.8	57.8	37.0	21.3	25.3	34.4	23.4	27.7
6	55.3	54.6	55.5	55.1	35.1	22.0	27.8	34.3	24.5	28.9
7	6.6	7.4	8.4	7.5	29.8	19.7	26.1	27.8	21.0	25.0
8	9.6	8.8	7.8	8.7	26.0	18.9	21.0	25.1	19.8	22.0
9	61.0	60.7	60.8	60.8	23.8	16.7	19.9	23.1	18.2	20.4
10	0.9	0.2	59.9	0.3	24.5	16.9	21.5	23.9	18.5	21.3
11	58.9	57.7	57.5	58.0	25.1	16.8	20.5	23.9	18.8	21.1
12	6.9	7.0	7.4	7.1	26.0	17.3	21.1	25.3	20.0	22.1
13	7.8	8.6	9.2	8.5	26.5	17.6	21.3	24.9	20.0	22.1
14	9.5	8.8	9.5	9.3	27.3	18.4	22.3	27.2	20.4	23.3
15	8.8	8.7	8.7	8.7	29.1	19.5	22.4	28.4	21.2	24.0
16	58.6	59.0	58.4	58.7	28.6	20.0	23.8	27.4	22.7	24.6
17	8.6	8.1	7.4	8.0	29.7	20.2	24.1	27.8	23.8	25.2
18	7.8	7.6	7.8	7.7	26.3	18.9	22.2	24.9	20.9	22.7
19	8.4	7.9	7.1	7.8	26.3	17.9	22.6	25.8	20.2	22.9
20	6.7	7.2	7.7	7.2	26.2	18.0	22.6	24.9	20.6	22.7
21	58.0	58.1	59.2	58.4	26.1	17.0	22.4	25.9	21.1	23.1
22	61.3	62.1	63.0	62.1	25.8	17.4	17.5	25.1	20.9	21.2
23	3.9	3.4	2.8	3.4	26.9	18.9	22.3	25.3	21.1	22.9
24	1.3	0.3	59.1	0.2	27.5	19.9	23.0	26.3	21.7	23.7
25	58.0	58.0	7.6	57.9	27.4	18.5	23.1	26.7	20.9	23.6
26	58.0	58.0	58.1	58.0	27.2	18.9	22.6	26.6	21.2	23.5
27	8.6	9.2	8.9	8.9	28.2	19.0	23.8	27.3	20.9	24.0
28	9.5	9.7	9.8	9.7	29.0	19.4	23.9	27.6	22.2	24.6
29	9.9	9.5	9.2	9.5	28.2	18.9	23.9	27.6	21.7	24.4
30	9.6	9.5	9.5	9.5	28.5	19.6	23.9	27.8	22.0	24.6
31	9.2	8.9	8.0	8.7	29.4	20.1	23.8	29.2	22.3	25.1
	59.03	58.86	58.80	58.90	27.84	18.72	22.67	26.77	21.19	23.55

Barometer, range for month 763.9 mm.—754.6 mm.
,, 62-yr. average for month 759.52 mm.
Thermometer, range for month 37.0° C.—16.7° C.
,, 62-yr. average for month 22.38° C.
Rain, total for month 18.03 mm.
,, , 62-yr. average for month 18.29 mm.
,, , total, from Sept. 1st 884.42 mm.
62-yr. average, total from Sept. 1st 880.36 mm.

*Summer time

MAY 1942

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	15.2	13.6	11.4	13.4	60	37	38	45	8.2	544.0	
2	15.6	16.6	14.0	15.4	85	74	84	81	9.3	688.0	
3	12.9	15.1	14.4	14.1	71	67	90	76	11.7	291.2	
4	15.1	16.0	16.2	15.8	84	69	92	82	9.3	361.6	
5	17.3	16.6	16.8	16.9	72	41	78	64	11.5	256.0	
6	26.6	14.6	13.9	18.4	97	36	61	65	10.9	512.0	
7	23.3	17.0	16.1	19.3	95	61	92	83	7.5	563.2	
8	15.5	16.8	11.3	14.5	84	71	66	74	4.0	358.4	
9	13.2	12.6	11.5	12.4	76	60	75	70	10.8	420.8	0.25
10	12.3	12.9	12.6	12.6	65	58	80	68	12.3	268.8	
11	12.5	14.2	13.4	13.4	69	64	83	72	12.5	179.2	
12	14.2	14.7	14.3	14.4	76	61	82	73	12.5	648.0	
13	14.9	16.7	15.4	15.7	78	71	88	79	12.4	388.8	
14	14.7	16.2	15.7	15.5	74	60	88	74	12.7	212.8	
15	16.5	18.2	16.2	17.0	82	63	86	77	12.7	361.6	
16	14.4	16.2	12.3	14.3	65	59	60	61	12.7	377.6	
17	14.4	20.3	20.9	18.5	65	73	95	78	12.3	563.2	
18	19.3	18.0	15.8	17.7	95	76	85	85	4.1	788.8	
19	15.2	15.2	14.2	14.9	76	61	81	73	10.6	392.0	
20	14.3	14.7	13.5	14.2	71	63	75	70	10.0	507.2	
21	18.4	15.4	14.7	16.2	91	61	78	77	5.2	484.8	
22	14.1	16.4	15.6	15.4	95	70	84	83	10.0	451.2	17.78
23	16.3	17.5	16.5	16.8	82	73	88	81	12.3	268.8	
24	17.3	17.2	16.1	16.9	83	67	84	78	12.4	200.0	
25	15.2	15.9	15.2	15.8	77	60	82	73	12.3	395.2	
26	15.3	16.3	15.6	15.7	75	62	83	73	10.8	260.8	
27	16.5	16.6	15.4	16.2	75	62	83	73	13.2	232.0	
28	15.0	16.2	15.6	15.6	68	59	79	69	13.0	224.0	
29	16.2	16.4	16.2	16.3	73	60	84	72	13.3	304.0	
30	16.3	18.9	16.7	17.3	73	68	84	75	12.8	323.2	
31	16.2	18.5	15.0	16.8	73	61	76	70	12.9	212.8	
	15.98	16.17	14.95	15.71	77.5	62.2	80.1	73.3	10.85	388.38	0.58

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.3 m.
Time of readings minus 3 hours equals G.C.T.
62-year averages are for period, 1875-1936

MAY 1942

METEOROLOGICAL REGISTER

	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	9cu	10ci	5ci	8.0	0	1ne	1w	calm	H a.m.W at night
2	4ci	10ci	0	4.7	2sw	1sw	1sw	slight	
3	0	2cu	0	0.7	1sw	1sw	0	„	
4	1cu	10ci	1cu	4.0	0	1ne	1ne	light	H a.m.
5	0	2ci	0	0.7	0	0	1ne	„	
6	1cu	0	0	0.3	2sw	1e	0	„	W at night
7	8cu	6ci	1cu	5.0	2sw	1sw	1w	slight	
8	10cu	5ci	1ci	5.3	1sw	1w	0	„	
9	9cu	2cu	1cu	4.0	2sw	2sw	0	mod.	
10	7cu	0	0	2.3	1sw	2sw	0	slight	
11	2cu	0	0	0.7	1sw	1sw	0	„	
12	0	0	0	0.0	1sw	1sw	2sw	light	
13	0	0	0	0.0	3sw	2sw	0	„	
14	0	0	0	0.0	0	1w	1w	calm	
15	0	0	0	0.0	1sw	2nw	1nw	light	M a.m.
16	0	0	0	0.0	0	1ne	0	slight	H a.m. W at night
17	1ci	2strat	1cu	1.3	0	3nw	0	„	„ „ „ „
18	8cu	10cu	0	6.0	2sw	2sw	1sw	„	D a.m.
19	1cu	2cu	3cu	2.0	2sw	3sw	0	„	„ „
20	1cu	1cu	1cu	1.0	2sw	3sw	1sw	„	
21	2cu	9cu	10cu	7.0	2sw	2sw	1sw	„	tr. rain at noon
22	10ni	2cu	0	4.0	1se	2sw	1sw	light	T a.m.
23	0	0	0	0.0	1sw	1sw	1sw	„	M a.m
24	0	0	0	0.0	1sw	1sw	0	calm	D a.m
25	1cu	0	0	0.3	2sw	2sw	0	slight	
26	1cu	1cu	0	0.7	1sw	2sw	0	light	M a.m.
27	0	1cu	0	0.3	1sw	2sw	0	slight	
28	0	0	1cu	0.3	0	1nw	1nw	„	
29	0	0	0	0.0	1sw	1sw	0	calm	
30	0	0	0	0.0	1sw	1sw	0	„	
31	0	0	0	0.0	1sw	1sw	0	„	
				1.89					

* Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	0	0	1	0	23	0	0	7	31
14:30	0	3	1	0	0	21	2	3	1	31
20:30	0	2	0	0	0	7	3	2	17	31
Totals	0	5	1	1	0	51	5	5	25	93

Number of days with rain 2, fog 0, thunderstorms 1, gale 0.

62 yr. av. days with rain during month 3.1 days